

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Joseph E. Geusic

Application No.: Not Yet Assigned

Confirmation No.:

Filed: **26 AUG 2003**

Art Unit: N/A

For: **MICROCAVITY DISCHARGE DEVICE  
FOR EUV LITHOGRAPHY AND  
OTHER RELATED APPLICATIONS**

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Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Those patents or publications which are marked with an asterisk (\*) next to the Cite No. in the attached form PTO/SB/08 are not supplied because they were previously cited by or submitted to the Office in a prior application number 09/641,521, filed August 21, 2000 and relied upon in this application for an earlier filing date under 35 U.S.C. § 120.

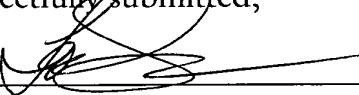
In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made. In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to herein is "prior art" unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0293/P293-A.

Dated: **26 AUG 2003**

Respectfully submitted,

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Substitute for form 1449A/B/PTO				<b>C mplete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	<b>26 AUG 2003</b>
				First Named Inventor	Joseph E. Geusic
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	M4065.0293/P293-A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA		*6,016,027	01/2000	DeTemple et al.	
AB		*6,031,241	02/2000	Silfvast et al.	
AC		*5,185,552	02/1993	Suzuki et al.	
AD		*5,327,475	07/1994	Golovanivsky et al.	
AE		*5,499,282	03/1996	Silfvast	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	*W.T. Silfvast, "Intense EUV Incoherent Plasma Sources for EUV Lithography and Other Applications," Journal of Quantum Electronics, Vol. 35, No. 5, May 1999, pp 700-708.			
	CB	*J.W. Frame, et al., "Microdischarge Devices Fabricated in Silicon," Appl. Phys. Lett., 71(9), September 1, 1997, pp. 1165-1167.			
	CC	*A. El-Habachi et al., "Generation of Intense Excimer Radiation from High-Pressure Hollow Cathode Discharges," Appl. Phys. Lett., Vol. 73, No. 7, August 17, 1998, pp. 885-887.			
	CD	*K.H. Schoenbach et al., "Microhollow Cathode Discharges," Appl. Phys. Lett., 68(1), January 1, 1996, pp. 13-15.			
	CE	*M.A. Klosner et al., "Intense Xenon Capillary Discharge Extreme-Ultraviolet Source in the 10-16-nm-Wavelength Region," Optics Letters, Vol. 23, No. 20, October 15, 1988, pp. 1609-1611.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.